AMSAT News Service Weekly Bulletins
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AMSAT NEWS SERVICE
ANS-091

The AMSAT News Service bulletins are a free, weekly news and information service of AMSAT North America, The Radio Amateur Satellite Corporation. ANS publishes news related to Amateur Radio in Space including reports on the activities of a worldwide group of Amateur Radio operators who share an active interest in designing, building, launching and communicating through analog and digital Amateur Radio satellites.

The news feed on http://www.amsat.org publishes news of Amateur Radio in Space as soon as our volunteers can post it.

Please send any amateur satellite news or reports to:
ans-editor at amsat.org.

In this edition:

* AO-92 Operations Schedule
* Russian SSTV Transmission Events Planned
* AMSAT at the 2018 Hamvention -- Call for volunteers
* AMSAT-UK Call for Speakers for Colloquium 2018
* Upcoming ARISS Contact and Event Schedule
* Athenoxat-1 QSL Card Challenge

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ANS-091 AMSAT News Service Weekly Bulletins

AMSAT News Service Bulletin 091.01
  From AMSAT HQ KENSINGTON, MD.
DATE April 1, 2018
To All RADIO AMATEURS
BID: $ANS-091.01

AO-92 Operations Schedule

AO-92 operations are scheduled among the U/v FM repeater, L-Band Downshifter,
Virginia Tech Camera, and the University of Iowa’s High Energy Radiation CubeSat
Instrument (HERCI). Please keep the uplink clear during passes with scheduled
mode changes.

For the week of 31Mar-6Apr 2018, the following mode changes are scheduled:

Approximately 0155UTC 1Apr we will enable the L band uplink for ~24 hours

Approximately 1650UTC 5Apr we will enable the VT camera and high-speed data for
~40 minutes. Please be ready to copy high-speed data with FoxTelem, and keep the
uplink clear at 1650UTC.

All other times the U/v repeater will be open continuously.

[ANS thanks Drew, KO4MA, for the above information]

Russian SSTV Transmission Events Planned

ARISS Russia is planning Slow Scan Television (SSTV) transmissions from the International Space Station. The transmissions are scheduled to occur over Moscow on April 2, 2018 from 15:05 through 18:30 UTC and on April 3, 2018 from
14:15 through 18:40 UTC. The MAI-75 experiment uses a computer on the ISS Russian Segment, which stores images that are then transmitted to Earth using
the amateur radio, specifically the onboard Kenwood TM D710E transceiver. Images
received can be posted and viewed at http://www.spaceflightsoftware.com/ARISS_SSTV/index.php .The transmissions will
be broadcast at 145.800 MHz using the PD-120 SSTV mode.

Please note that the event is dependent on other activities, schedules and crew
responsibilities on the ISS and are subject to change at any time.

Please check for news and the most current information on the AMSAT.org and ARISS.org websites, the AMSAT-BB(a)amsat.org, the ARISS facebook at Amateur Radio
On The International Space Station (ARISS) and ARISS twitter @ARISS_status.

For more information, see www.ariss.org.

Also join us on Facebook: Amateur Radio on the International Space Station (ARISS)

Follow us on Twitter: ARISS_status

[ANS thanks Dave, AA4KN, for the above information]

AMSAT at the 2018 Hamvention -- Call for volunteers

The 2018 Hamvention will be held on May 18-20, 2018 at Greene County Fairground and Expo Center in Xenia Ohio. Planning is under way for AMSAT's participation!

Phil, W1EME, AMSAT's Hamvention Team Leader is looking for team leaders to assist him. If you can help please consider leading in one of the unfilled positions atw1eme at amsat.org <http://www.amsat.org/mailman/listinfo/ans>

+ Volunteer Assistant
+ Publicity Assistant   - JoAnne K9JKM
+ Forum Assistant   - Keith KB1SF
+ Sales Assistant
+ Outdoor Demo Assistant - Paul N8HM
+ Facilities and Setup Assistant

We need as many volunteers as possible to help staff the AMSAT booth during the Hamvention Last year, we had about 40 people assist with the AMSAT booth at the Hamvention. It was the efforts of those

volunteers that made the 2017 Hamvention a success for AMSAT.

1. May 17 - Booth setup on Thursday.
2. May 18, 19, 20 - Staff the booth during Hamvention hours to
     answer questions, enroll members, indoor demos, merchandise
     and book sales. (We will train you!)
3. May 20 - Booth teardown on Sunday

The interaction with AMSAT members, satellite operators, designers,
and builders makes the whole experience a lot of fun.

Whether you're available for only a couple of hours or if you can
spend the entire weekend with us, your help would be greatly
appreciated.

Interested hams should contact Team Leader Phil Smith via email at:
w1eme at amsat.org <http://www.amsat.org/mailman/listinfo/ans> for
information.

[ANS thanks AMSAT Hamvention Publicity Assistant JoAnne Maenpaa,
   K9JKM for the above information]

AMSAT-UK Call for Speakers for Colloquium 2018

This is a call for speakers for the AMSAT-UK International Space
Colloquium 2018
which, will be held this year on 13-14 October, in conjunction with the RSGB
Convention at Kents Hill Park Conference Centre, Milton Keynes, MK7 6BZ,
United
Kingdom .

AMSAT-UK invites speakers, to cover topics about Amateur satellites,
CubeSats,
Nanosats, space and associated activities, for this event.

They are also invited to submit papers for subsequent publishing on the
AMSAT-UK
web site or in Oscar News.

We appreciate that it is not always possible to give a firm indication of
attendance at this stage but expressions of interest would be appreciated.

Submissions should be sent via e-mail to: dave(a)g4dpz.me.uk

AMSAT-UK also invite anyone with requests for Program Topics to submit
them as
soon as possible to G4DPZ. Invitations for any papers on specific
subjects will
be included in the future call. Likewise if anyone knows of a good speaker,
please send contact and other information to G4DPZ.

[ANS thanks Dave, G4DPZ, for the above information]

Upcoming ARISS Contact and Event Schedule

Valday, Russia, direct via TBD

The ISS callsign is presently scheduled to be RSØISS
The scheduled astronaut is Oleg Artemyev

Contact is a go for 2018-04-04 TBD UTC

Vologda, Russia, direct via TBD
The ISS callsign is presently scheduled to be RSØISS
The scheduled astronaut is Oleg Artemyev
Contact is a go for 2018-04-10 13:37 UTC

Watch for SSTV

2018-04-02 15:05 UTC to 18:30 UTC

2018-04-03 14:15 UTC to 18:40 UTC

2018-04-12 to 2018-04-14

Additional information can be found at http://ariss-sstv.blogspot.com/

[ANS thanks Charlie, AJ9N, for the above information]

Athenoxat-1 QSL Card Challenge

The Athenoxat-1 project team has implemented an interesting experiment
(puzzle)
where frames containing fragments of images of QSL cards are periodically
transmitted by the satellite. Amateurs can participate in the experiment by
receiving the fragments and sending KISS files via email to the Athenoxsat-1
project team. The frames will then be processed and the results will
posted in
their web site with acknowledgements to the participating stations.

AMSAT-BR would like to encourage amateurs to participate. Due to the
satellite
orbit inclination (15 degrees), only locations with latitudes below the
tropics
will be able to receive signals from the satellite on 437.485 MHz.
Signals can
be demodulated using UZ7HO’s high speed soundmodem software (using the
GOMX-1
4800 bps demodulator).

The project website is: http://www.micro-space.org/ham.html

[ANS thanks AMSAT-UK and Yesie, 9V1SQ, for the above information]

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In addition to regular membership, AMSAT offers membership in the
President's Club. Members of the President's Club, as sustaining
donors to AMSAT Project Funds, will be eligible to receive addi-
tional benefits. Application forms are available from the AMSAT

Office.

Primary and secondary school students are eligible for membership at one-half the standard yearly rate. Post-secondary school students enrolled in at least half time status shall be eligible for the student rate for a maximum of 6 post-secondary years in this status. Contact Martha at the AMSAT Office for additional student membership information.

73,
This week's ANS Editor,
Lee McLamb, KT4TZ
kt4tz at amsat dot org